

CIVIL ENGINEERING, B.S. (ENGINEERING)

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

Civil Engineering, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

If you are starting at a campus other than the one this plan is ending at, please refer to: <https://advising.engr.psu.edu/degree-requirements/academic-plans-by-major.aspx>

First Year

Fall	Credits	Spring	Credits
CE 100S (or other First Year Seminar) [†]	1	CHEM 111	1
CHEM 110 (GN) ^{*#†}	3	ECON 102 or 104 (GS) [†]	3
ENGL 15, 30H, or ESL 15 (GWS) ^{††}	3	MATH 141 or 141E (GQ) ^{*†#†}	4
EDSGN 100 ^{*#}	3	PHYS 211 (PHYS 211L and PHYS 211R (GN)) ^{*#†}	4
MATH 140 or 140E (GQ) ^{*†#†}	4	General Education Course [†]	3
General Education Course [†]	3	General Education Course (GHW) [†]	1.5
	17		16.5

Second Year

Fall	Credits	Spring	Credits
CAS 100A or 100B (GWS) ^{††}	3	CMPSC 200 or 201	3
EMCH 211 [*]	3	EMCH 212 [*]	3
GEOSC 1	3	EMCH 213 or 213D [*]	3
MATH 251 [*]	4	IE 424 or STAT 401	3
PHYS 212 (PHYS 212L and PHYS 212R (GN)) ^{*†}	4	MATH 220	2
		General Education Course [†]	3
	17		17

Third Year

Fall	Credits	Spring	Credits
CE 310 [*]	3	CE 321 [*]	3
CE 332 [*]	3	CE 335 [*]	3
CE 336 [*]	3	CE 337	1
CE 340 [*]	3	CE 370 [*]	3

CE 360 [*]	3	Civil Engineering Technical Elective	3
General Education Course (GHW) [†]	1.5		
	16.5		13

Fourth Year

Fall	Credits	Spring	Credits
ENGL 202C (GWS) ^{††}	3	Civil Engineering Capstone Design	3
Civil Engineering Technical Elective	3	Civil Engineering Technical Elective	3
Civil Engineering Technical Elective	3	Technical Elective	3
Technical Elective	3	Technical Elective	3
General Education Course [†]	3	General Education Course [†]	3
	15		15

Total Credits 127

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

College Notes:

- **Health and Physical Activity Elective:** Students may substitute 6 credits of ROTC for 3 credits of GHW courses and 3 credits of Technical Electives once they have completed 18 credits of ROTC.
- **Technical Elective:** Select from department list. Students who complete the Cooperative Education Program may substitute the 3-credit sequence of ENGR 295, ENGR 395, and ENGR 495 for a Technical Elective.